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ABSTRACT

This book contains scaled-down versions of Exploratorium exhibits that teachers can make using common, inexpensive, easily available materials. Each topic begins with a drawing of the original full-sized exhibit on the museum floor, a photograph of the scaled-down version which contains an introduction to the exhibit, a list of materials needed with suggestions on how to find them, assembly instructions, descriptions of how to use the completed exhibits, and explanations of the scientific concepts behind them. Exhibits include: Blue Sky, Bone Stress, Bridge Light, Colored Shadows, Color Table, Corner Reflector, Critical Angle, Cylindrical Mirror, Diffraction, Disappearing Glass Rods, Duck into Kaleidoscope, Giant Lens, Inverse Square Law, Look into Infinity, Magic Wand, Parabolas, Pinhole Magnifier, Polarized Light Mosaic, Polarized Sunglasses, Rotating Light, Soap Film Painting, Spectra, Spherical Reflections, Touch the Spring, and Water Sphere Lens. (JRH)

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